

Abstract Of The Disclosure

A method for correcting the position of the angle marks of an incremental gear of a rotary speed sensor and/or rotary angle sensor of an internal combustion engine and to a system therefor. The method is characterized by the following steps: a) recording the angle marks using the rotary speed sensor and/or the rotary angle sensor, b) measuring the combustion chamber pressure in the respective cylinder of the internal combustion engine, c) assigning a measured pressure value to the recorded angle mark positions, d) possibly correcting the measured pressure values in a signal-conditioning device, e) storing the recorded angle mark positions with the appertaining, measured pressure values in a measured value table, f) storing of the ideal pressure values derived at the ideal angle mark positions in a reference table, g) comparing the pressure values, that were measured and possibly preprocessed in the signal-conditioning device to the ideal pressure values, h) determining deviations of the measured angle mark positions from the ideal angle mark positions, at the corresponding cylinder pressure values in an evaluation unit, and i) correcting the measured angle mark positions by the deviations determined.